

3. The immersion fluid dispenser of claim 1 or 2 further comprising:  
a vacuum-based extraction system capable of removing the applied fluid.

## **ABSTRACT**

To achieve high resolution, microscope users routinely employ immersion optics with associated immersion fluids. A non-interfering delivery system is herein described that accurately dispenses (and removes) a controlled amount of these fluids precisely at the proper interface location.

## **4. BRIEF DESCRIPTION OF DRAWINGS**

In the drawings:

FIG. 1 is a side view of the dispensing mechanism.

FIG. 2 is a top view of the dispenser in its stowed condition

FIG. 3 is a top view of the dispenser in position to dispense the fluid.

FIG. 4 is a top view of the dispenser at the end of the dispensing cycle

FIG. 5 is a functional drawing of the peristaltic dispensing assembly.

## **DRAWINGS**